

Electromagnetic door holder

Electromagnetic door holder from TPMC is designed for fire-rated egress doors and smoke barriers in commercial and large-scale buildings. It securely holds doors open under normal conditions and instantly releases the armature plate upon receiving a signal from a fire alarm or emergency system. This allows the door closer to automatically close the door, containing smoke and fire within the compartment of origin and preventing spread to adjacent areas.

UL Listed, the holder features fail-safe operation and is ideal for fire escape paths, hospitals, offices, and other high-occupancy environments.



- Certificate: UL Listed
- Standard: UL 864, UL 228, NFPA 72, NFPA 80
- Holding force: About 100 lbs (45 kgs)
- Mounting: Floor mount (single door)
- Environment: Indoor, dry location
- Application: Fire-rated egress doors, smoke barrier doors



Available size

Operating voltage	Current draw	Monitor function	Dimension (mm)	Feature	Ref. No.
24 VDC	50 mA	/	118 x 93 x 115	With release switch, NO/NC contacts, armature plate	F9901 (UL)
12 VDC	100 mA	/	118 x 93 x 115	With release switch, NO/NC contacts, armature plate	F9902 (UL)
24 VDC	50 mA	Yes	118 x 93 x 115	With release switch, NO/NC contacts, armature plate	F9903 (ISO)
12 VDC	100 mA	Yes	118 x 93 x 115	With release switch, NO/NC contacts, armature plate	F9904 (ISO)

Note: The holder is supplied with one of four armature plates as standard. Default is the adjustable square type (L60 × W60 × H56 mm). Optional types include: Morticed round type (OD92 × ID63 × H24~29 mm); Fixed square type (L60 × W60 × H25 mm); Extended square type (L60 × W60 × H94~103 mm).